

**What is claimed is:**

1. An optical module mounted body comprising:  
a mounting board having a mounting surface with a plurality of holes  
5 formed thereon;  
an optical module placed on the mounting surface; and  
a securing member configured to secure said optical module, said  
securing member including an upper portion, a plurality of legs extending  
from the upper portion and a plurality of engagement portions formed at ends  
10 of the plurality of legs,  
wherein said optical module is held between said mounting board and  
said securing member such that the upper portion of said securing member  
abuts on an upper surface of said optical module, and  
wherein the plurality of legs are inserted in the plurality of holes, the  
15 plurality of engagement portion engaging with said mounting board.
2. The optical module mounted body according to claim 1, wherein the  
plurality of engagement portion engages with said mounting board on an  
undersurface opposite said mounting surface.  
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3. The optical module mounted body according to claim 1, wherein said  
optical module is pressed against the mounting surface by the upper portion  
of said securing member.
- 25 4. The optical module mounted body according to claim 1, wherein the  
upper portion of said securing member is convex towards the upper surface  
of said optical module.
5. The optical module mounted body according to claim 1,  
30 wherein said optical module comprises at least one lead pins for  
electrical connection to external circuits; and  
wherein the at least one lead pins are soldered to said mounting board.
6. The optical module mounted body according to claim 5,

wherein said mounting board is formed with wiring holes, and  
wherein the at least one lead pins are inserted in the wiring holes and  
soldered to said mounting board.

5     7.     The optical module mounted body according to claim 1, further  
comprising a heat conducting member interposed between a bottom surface  
of said optical module and the mounting surface of said mounting board.

10     8.     The optical module mounted body according to claim 1,  
wherein said mounting board comprises at least one heat conducting  
member connecting continuously the mounting surface and an undersurface  
opposite the mounting surface, each end of said at least one heat conducting  
member being coplanar with each one of the mounting surface and the  
undersurface.

15     9.     The optical module mounted body according to claim 1, wherein said  
securing member has two legs to oppose each other on both lateral sides of  
said optical module.

20     10.    The optical module mounted body according to claim 1, wherein said  
securing member has two legs and one leg, the two legs and the one leg  
opposing on both longitudinal sides of said optical module.

25     11.    The optical module mounted body according to claim 1, wherein said  
securing  
member has two legs on each lateral side of said optical module.

30     12.    The optical module mounted body according to claim 11,  
wherein said optical module comprises a plurality of lead pins for  
electrical connection to external circuits, the plurality of lead pins protruding  
on both lateral sides of said optical module; and  
wherein a part of the plurality of lead pins protruding on each lateral  
side of said optical module are received between the two legs on the same  
side.

13. A securing method of an optical module comprising:  
placing said optical module on a mounting surface of a mounting  
board;  
5 placing a securing member over said optical module,  
said securing member including an upper portion to abut  
on an upper surface of said optical module,  
a plurality of legs extending from the upper portion  
generally alongside of said optical module, and  
10 a plurality of engagement portions being formed at ends of  
the plurality of legs; and  
attaching said securing member to said mounting board, the plurality of  
legs being inserted in a plurality of holes formed on said mounting board and  
the plurality of engagement portions being engaged with said mounting  
15 board.
14. The method according to claim 13, wherein the upper portion of said  
securing member is adapted to press the upper surface of said optical module  
against the mounting surface.
- 20 15. The method according to claim 13, wherein said upper portion of said  
securing member is convex towards said upper surface of said optical  
module.
- 25 16. The method according to claim 13, further comprising:  
inserting a lead pin of said optical module in a wiring hole formed on  
said mounting board; and  
soldering the lead pin to said mounting board.
- 30 17. An optical module mounted body comprising:  
means for mounting said optical module ; and  
means for engaging a securing member with said mounting board, said  
optical module being secured therewith on said mounting board. .

18. The optical module mounted body according to claim 17, further comprising means for pressing said optical module against the mounting surface.

5 19. A mounting board comprising:

a plate member having a mounting surface and an undersurface opposite the mounting surface; and

at least one heat conducting member embedded in said plate member and connecting continuously said mounting surface and said undersurface of  
10 said plate member;

wherein each of said at least one heat conducting member are exposed on each one of said mounting surface and said undersurface.

20. The mounting board according to claim 19, wherein said at least one  
15 heat conducting member is coplanar with said mounting surface.